

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071923\
 Data File : VU054818.D
 Acq On : 19 Jul 2023 14:14
 Operator : MD/SY
 Sample : 03656-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH2X1

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/20/2023
 Supervised By : Mahesh Dadoda 07/20/2023

Quant Time: Jul 20 02:34:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 20 02:33:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	248439	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	237944	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	122511	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	69532	36.211	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.420%		
7) Chloroethane-d5	1.885	69	75109m	39.102	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.200%		
11) 1,1-Dichloroethene-d2	2.557	63	77009	27.958	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.920%#		
21) 2-Butanone-d5	4.615	46	114432	92.715	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.710%		
24) Chloroform-d	5.055	84	129263	43.246	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.500%		
26) 1,2-Dichloroethane-d4	5.695	65	83854	46.849	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.700%		
32) Benzene-d6	5.721	84	251598	44.390	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.780%		
36) 1,2-Dichloropropane-d6	6.685	67	89750	47.026	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.060%		
41) Toluene-d8	7.894	98	239130	44.275	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.560%		
43) trans-1,3-Dichloroprop...	8.177	79	40263	41.240	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.480%		
47) 2-Hexanone-d5	8.630	63	82026	90.922	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.920%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	159787	45.582	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.160%		
66) 1,2-Dichlorobenzene-d4	12.190	152	101996	48.449	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.900%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.660	96	19788	10.405	ug/L	92
34) Trichloroethene	6.537	95	4722	2.721	ug/L	100
46) Tetrachloroethene	8.547	164	60712	45.633	ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

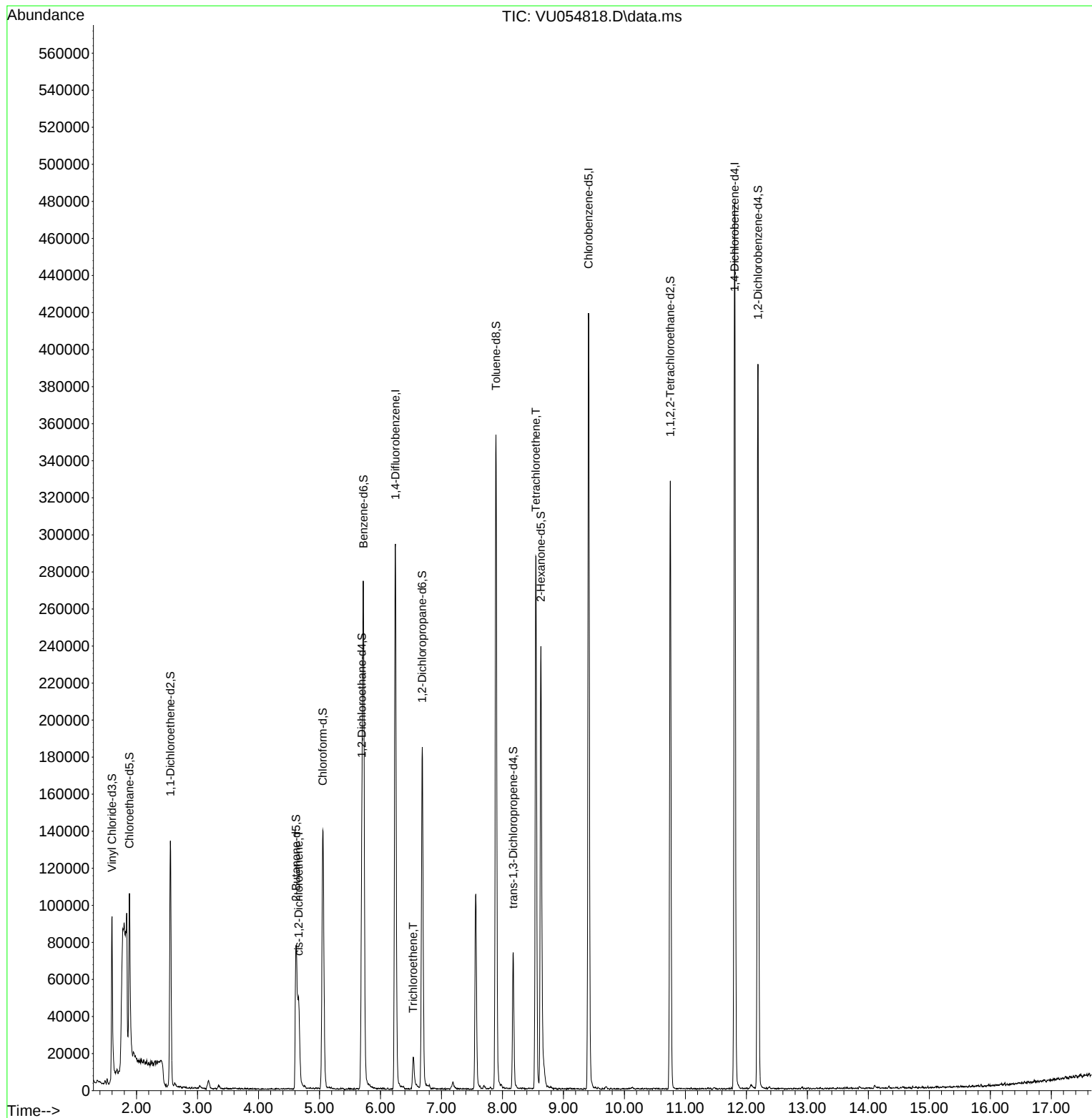
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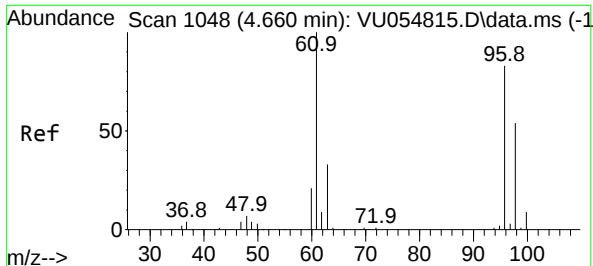
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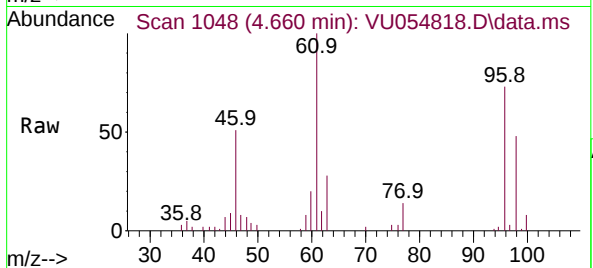
Reviewed By : John Carlone 07/20/2023
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#20
cis-1,2-Dichloroethene
Concen: 10.405 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU054818.D
Acq: 19 Jul 2023 14:14

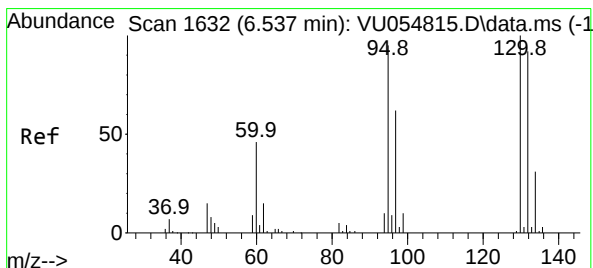
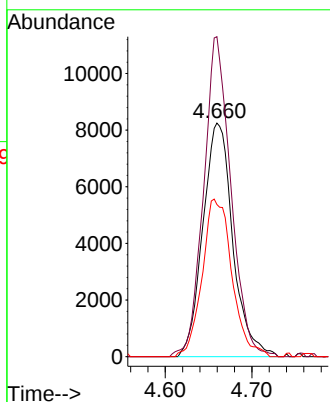
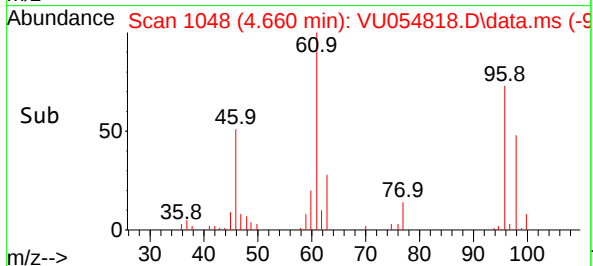
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Tgt Ion: 96 Resp: 1978
Ion Ratio Lower Upper
96 100
61 131.1 82.7 153.7
98 62.3 44.4 82.5

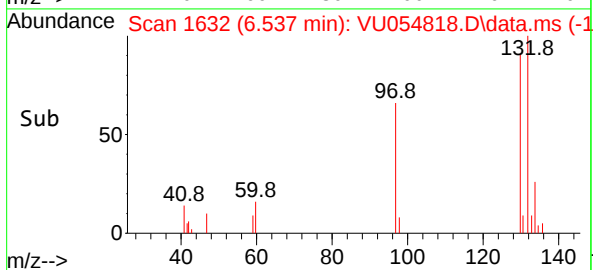
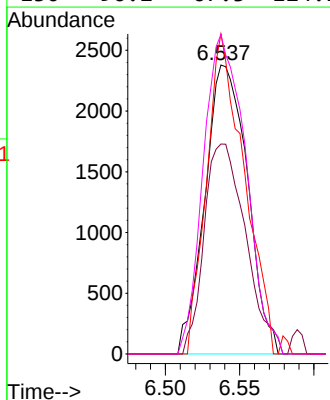
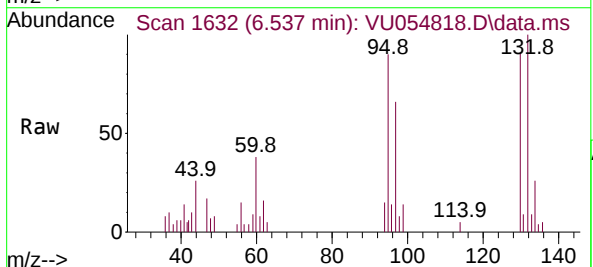
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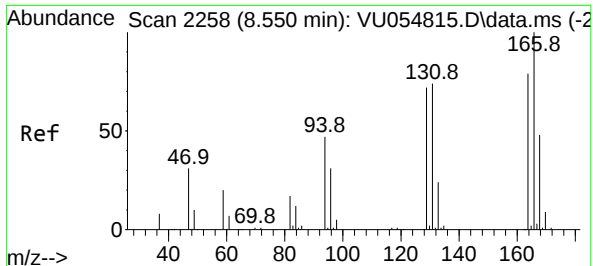
Reviewed By :John Carlone 07/20/2023
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#34
Trichloroethene
Concen: 2.721 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU054818.D
Acq: 19 Jul 2023 14:14

Tgt Ion: 95 Resp: 4722
Ion Ratio Lower Upper
95 100
97 63.2 44.0 81.8
132 96.3 67.9 126.1
130 96.2 67.3 124.9





#46

Tetrachloroethene

Concen: 45.633 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

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Tgt Ion:164 Resp: 60712

Ion Ratio Lower Upper

164 100

129 96.2 66.2 123.0

131 95.7 61.9 115.1

166 134.7 89.2 165.8

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